

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
 Data File : BM001457.D
 Acq On : 29 May 2015 23:20
 Operator : TP/IZ
 Sample : G2411-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BCRC0

Manual Integrations
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Quant Time: May 30 04:15:06 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat May 30 02:30:09 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	141637	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	628379	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	365942	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.82	188	750025	20.00	ng/ul	0.00
75) Chrysene-d12	21.02	240	664980	20.00	ng/ul	0.00
83) Perylene-d12	23.11	264	601727	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.81	96	9795	3.45	ng/uL	0.00
5) Phenol-d5	6.58	99	236456	22.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.73	67	147733	22.61	ng/ul	0.00
9) 2-Chlorophenol-d4	6.92	132	203743	23.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	181982	20.58	ng/ul	0.00
19) Nitrobenzene-d5	8.54	128	94350	23.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.26	143	111644	23.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	216415	23.18	ng/ul	0.00
29) 4-Chloroaniline-d4	10.32	131	43292	3.95	ng/ul	0.00
43) Dimethylphthalate-d6	13.49	166	610990	23.81	ng/ul	0.00
46) Acenaphthylene-d8	13.75	160	839305	24.02	ng/ul	0.00
51) 4-Nitrophenol-d4	14.30	143	98145	18.76	ng/ul	0.00
57) Fluorene-d10	15.07	176	585720	22.88	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.20	200	47475	10.28	ng/ul	0.00
70) Anthracene-d10	16.92	188	816234	23.61	ng/ul	0.00
76) Pyrene-d10	19.22	212	803453	27.79	ng/ul	0.00
87) Benzo(a)pyrene-d12	22.98	264	629583	23.66	ng/ul	0.00

Target Compounds

					Qvalue	
4) Benzaldehyde	6.52	77	6937	1.27	ng/ul#	88
6) Phenol	6.61	94	18788	1.69	ng/ul	97
14) Acetophenone	8.20	105	85926	5.95	ng/ul	99
44) Dimethylphthalate	13.53	163	206964	7.15	ng/ul	99
69) Phenanthrene	16.86	178	45104	1.08	ng/ul#	95
74) Fluoranthene	18.89	202	116570	2.30	ng/ul	99
77) Pyrene	19.25	202	122473	3.08	ng/ul	99
80) Benzo(a)anthracene	21.01	228	66053	1.70	ng/ul	91
82) Chrysene	21.06	228	80861	2.21	ng/ul	96
85) Benzo(b)fluoranthene	22.49	252	102896	2.79	ng/ul#	89
86) Benzo(k)fluoranthene	22.53	252	35325m	1.00	ng/ul	
88) Benzo(a)pyrene	23.02	252	75837	2.19	ng/ul#	90
89) Indeno(1,2,3-cd)pyrene	25.16	276	53068	1.46	ng/ul	95
91) Benzo(g,h,i)perylene	25.79	276	61419	2.05	ng/ul#	92

(#) = qualifier out of range (m) = manual integration (+) = signals summed

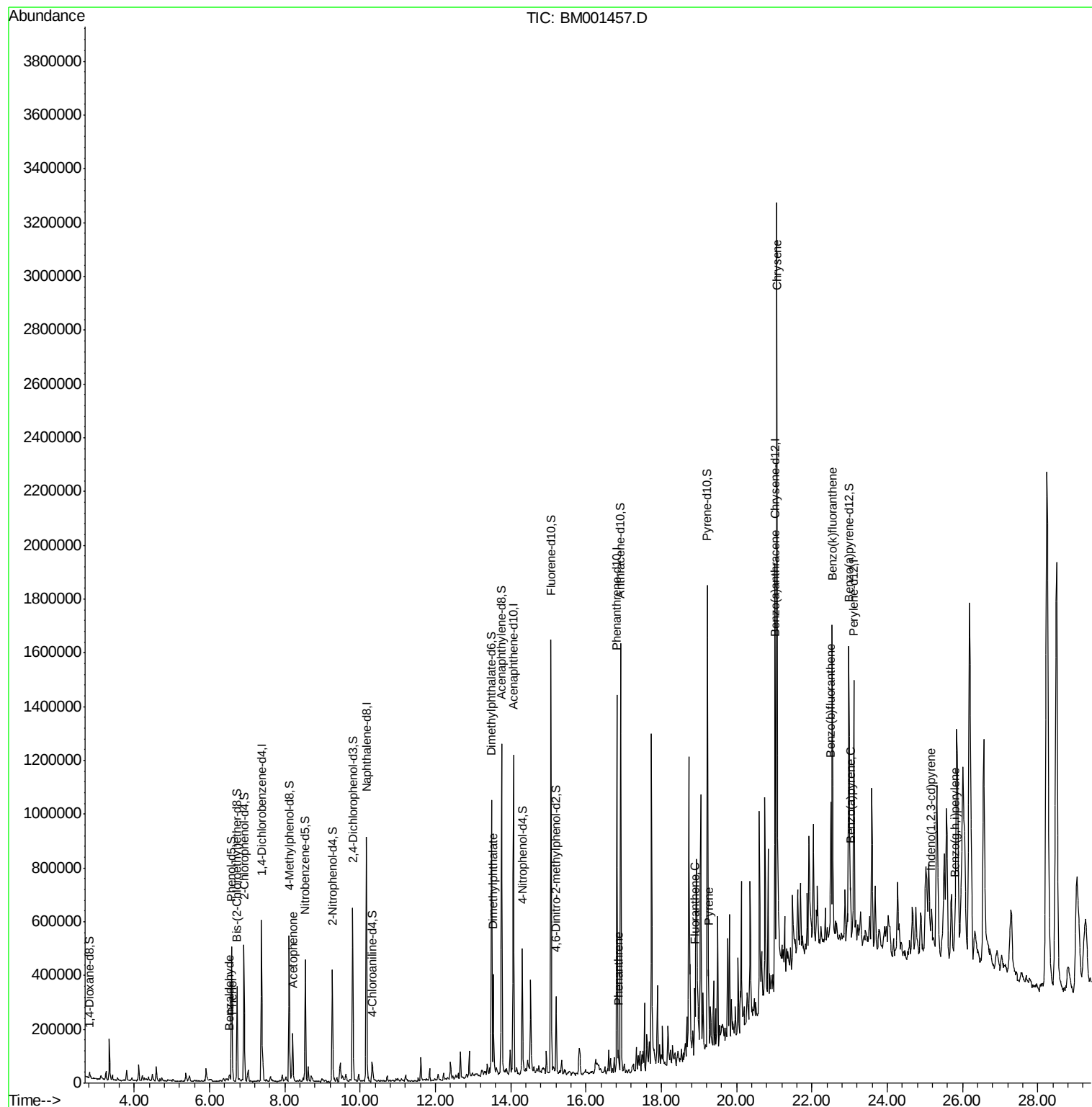
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
Data File : BM001457.D
Acq On : 29 May 2015 23:20
Operator : TP/IZ
Sample : G2411-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

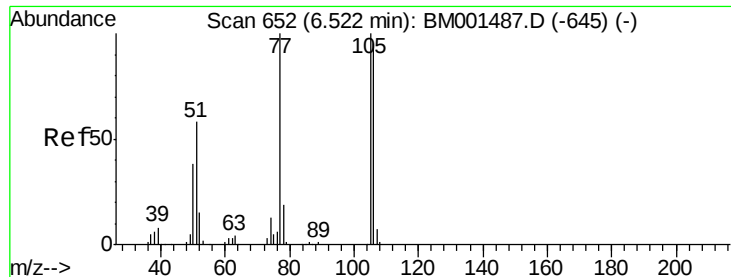
Instrument :
BNA_M
ClientSampleId :
BCRC0

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Quant Time: May 30 04:15:06 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052915.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 30 02:30:09 2015
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 1.27 ng/ul

RT: 6.52 min Scan# 652

Delta R.T. 0.00 min

Lab File: BM001457.D

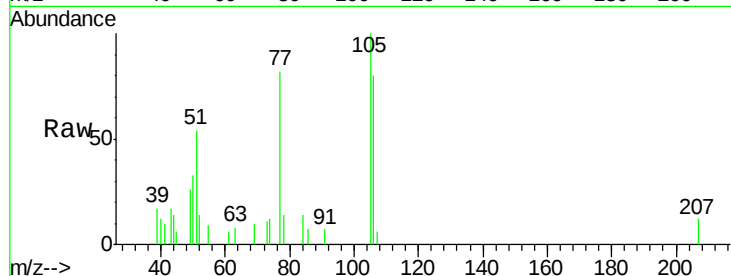
Acq: 29 May 2015 23:20

Instrument :

BNA_M

ClientSampleId :

BCRC0

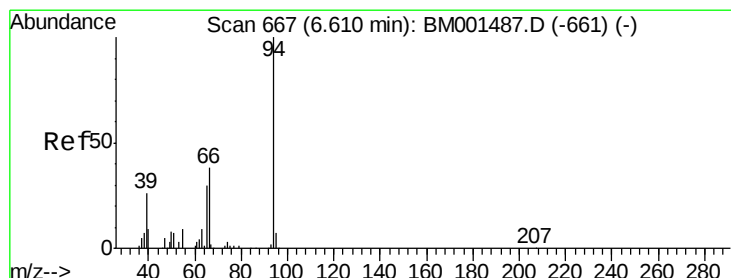
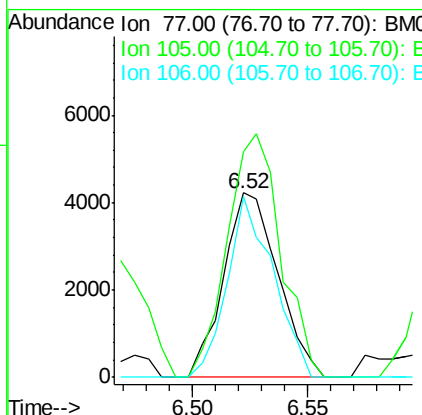
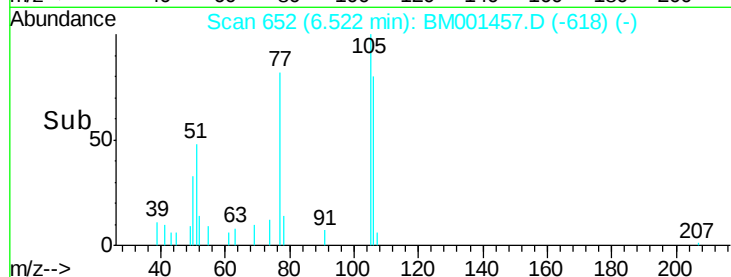


Tgt Ion: 77 Resp: 6937

Ion	Ratio	Lower	Upper
77	100		
105	122.5	78.7	118.1#
106	98.4	78.5	117.7

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#6

Phenol

Concen: 1.69 ng/ul

RT: 6.61 min Scan# 667

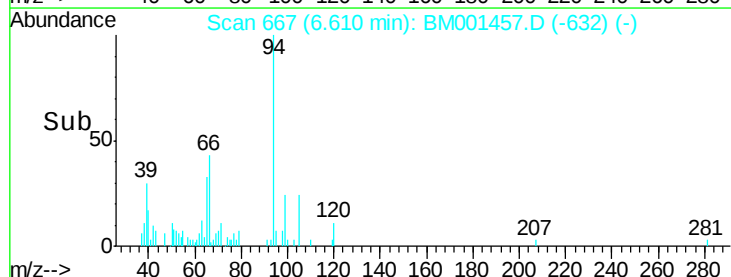
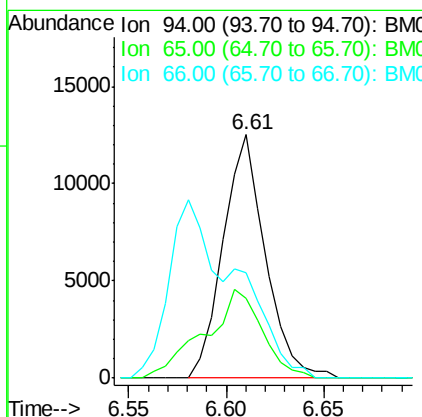
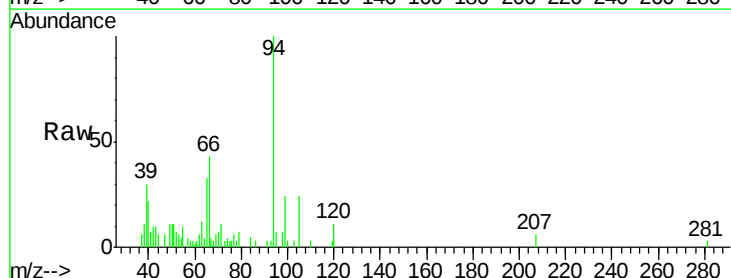
Delta R.T. 0.01 min

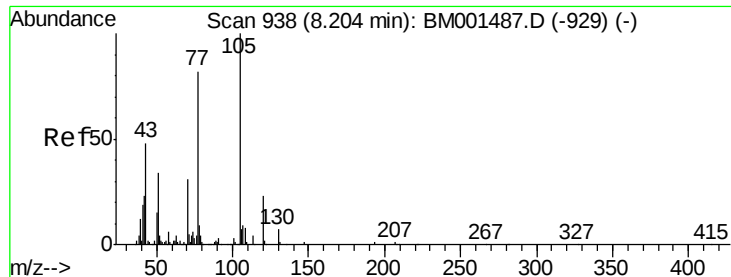
Lab File: BM001457.D

Acq: 29 May 2015 23:20

Tgt Ion: 94 Resp: 18788

Ion	Ratio	Lower	Upper
94	100		
65	32.8	25.2	37.8
66	43.4	36.2	54.2





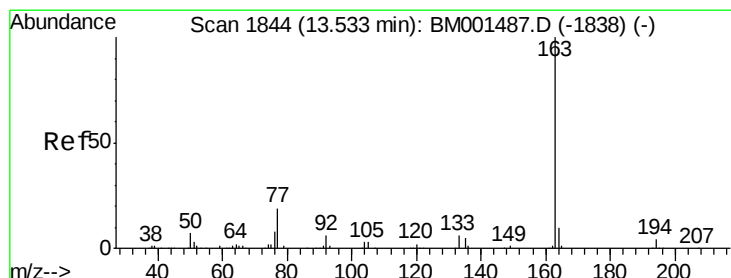
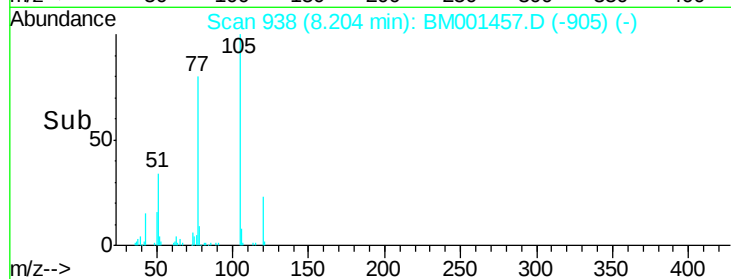
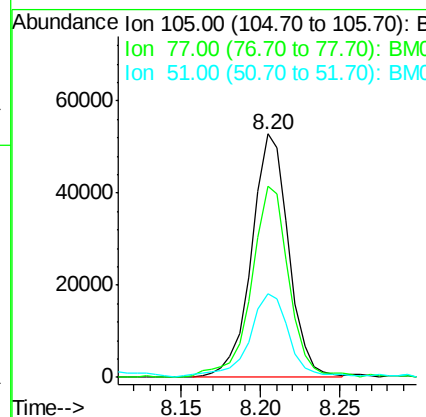
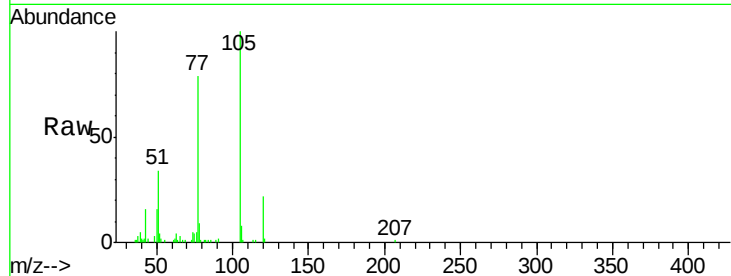
#14
Acetophenone
Concen: 5.95 ng/ul
RT: 8.20 min Scan# 938
Delta R.T. -0.01 min
Lab File: BM001457.D
Acq: 29 May 2015 23:20

Instrument :
BNA_M
ClientSampleId :
BCRC0

Tgt Ion:	105	Resp:	85926
Ion Ratio	Lower	Upper	
105	100		
77	78.7	61.6	92.4
51	34.3	27.5	41.3

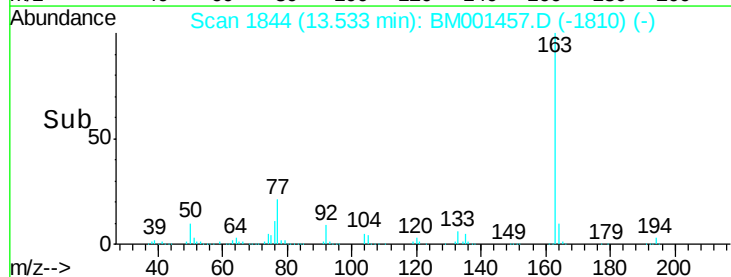
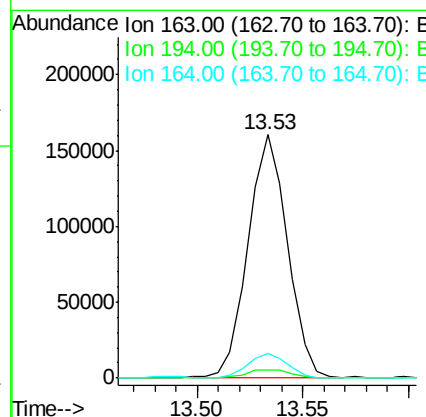
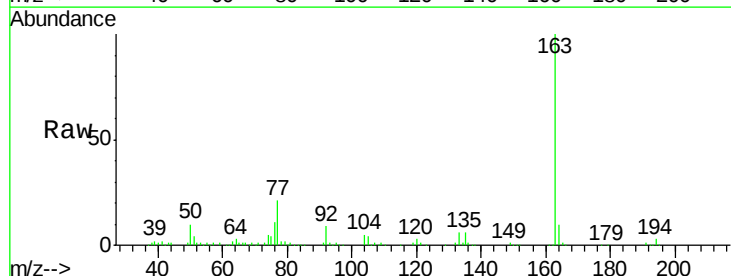
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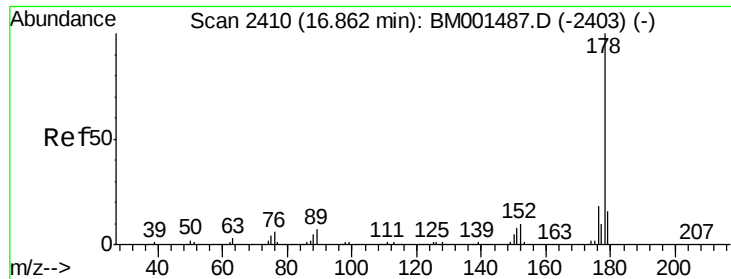
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#44
Dimethylphthalate
Concen: 7.15 ng/ul
RT: 13.53 min Scan# 1844
Delta R.T. 0.00 min
Lab File: BM001457.D
Acq: 29 May 2015 23:20

Tgt Ion:	163	Resp:	206964
Ion Ratio	Lower	Upper	
163	100		
194	3.4	3.0	4.6
164	10.1	8.2	12.4





#69

Phenanthrene

Concen: 1.08 ng/ul

RT: 16.86 min Scan# 2409

Delta R.T. -0.01 min

Lab File: BM001457.D

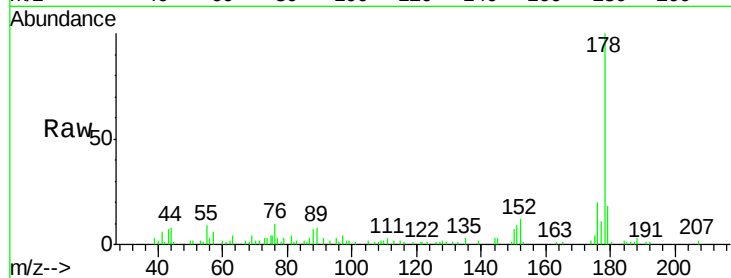
Acq: 29 May 2015 23:20

Instrument :

BNA_M

ClientSampleId :

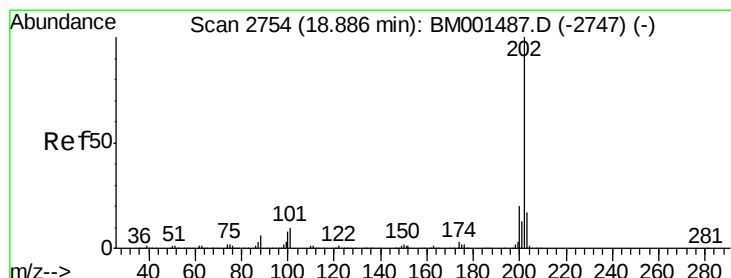
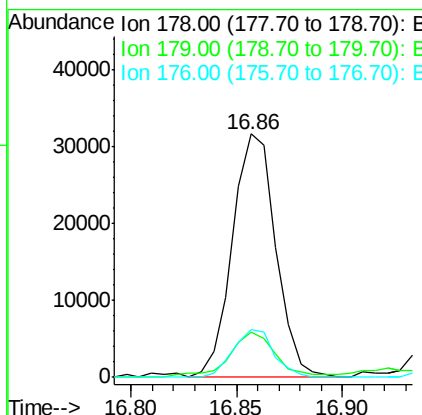
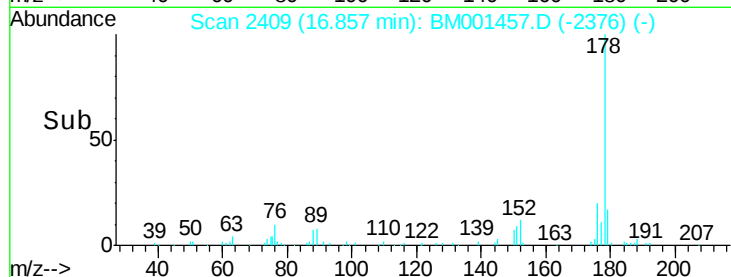
BCRC0



Tgt Ion:	178	Resp:	45104
Ion Ratio	Lower	Upper	
178	100		
179	18.4	11.9	17.9#
176	19.9	15.0	22.4

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#74

Fluoranthene

Concen: 2.30 ng/ul

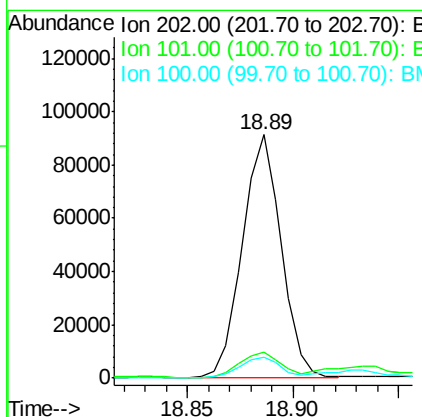
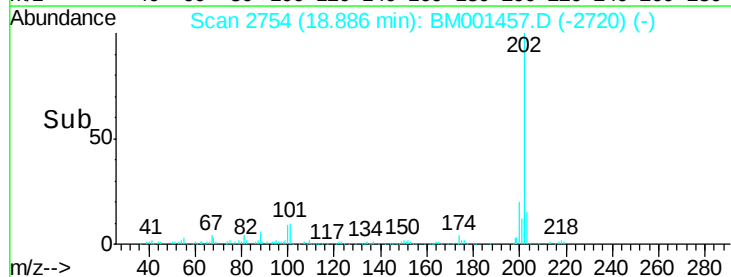
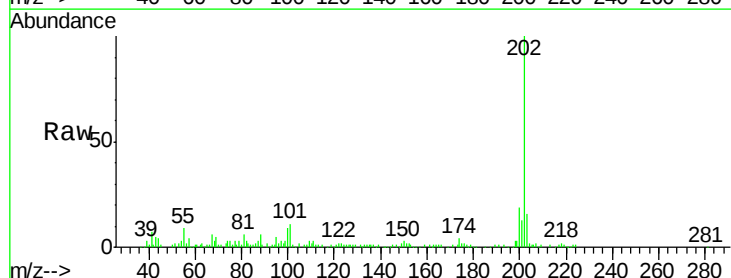
RT: 18.89 min Scan# 2754

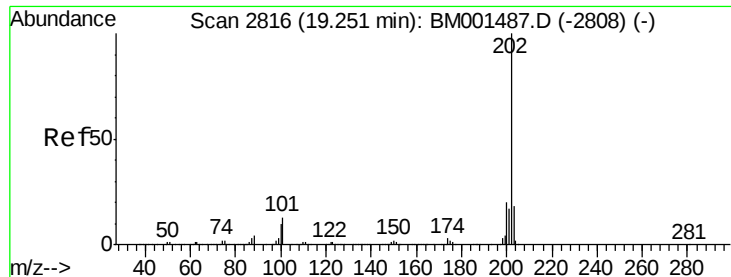
Delta R.T. 0.00 min

Lab File: BM001457.D

Acq: 29 May 2015 23:20

Tgt Ion:	202	Resp:	116570
Ion Ratio	Lower	Upper	
202	100		
101	10.9	8.6	12.8
100	8.7	6.5	9.7





#77

Pyrene

Concen: 3.08 ng/ul

RT: 19.25 min Scan# 2816

Delta R.T. 0.00 min

Lab File: BM001457.D

Acq: 29 May 2015 23:20

Instrument :

BNA_M

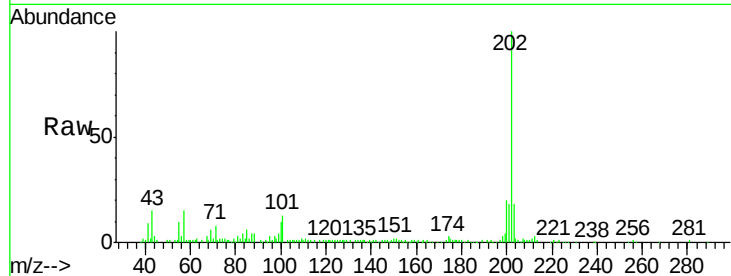
ClientSampleId :

BCRC0

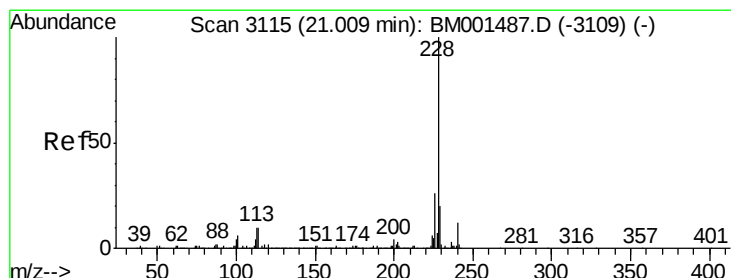
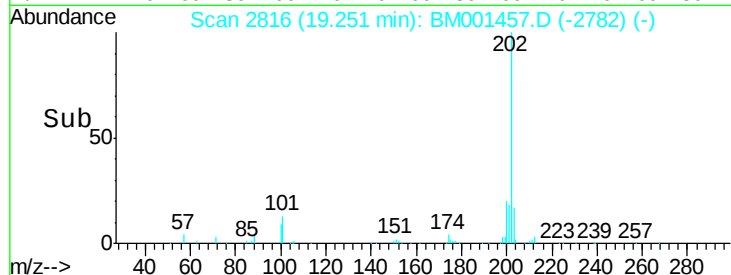
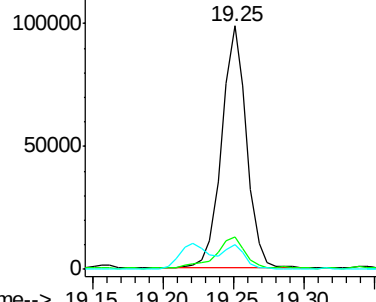
Tgt Ion:	202	Resp:	122473
Ion Ratio	Lower	Upper	
202	100		
101	13.4	10.3	15.5
100	10.1	8.6	12.8

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



#80

Benzo(a)anthracene

Concen: 1.70 ng/ul

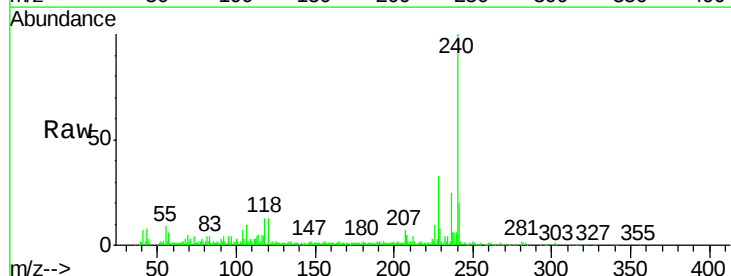
RT: 21.01 min Scan# 3115

Delta R.T. 0.00 min

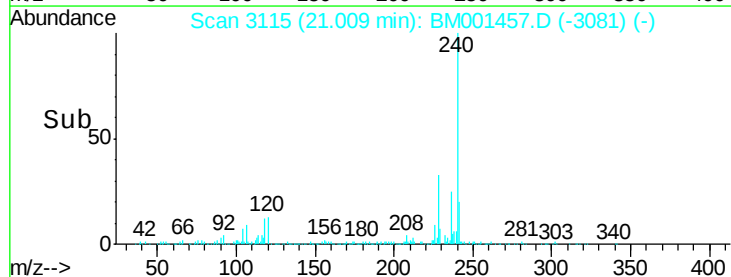
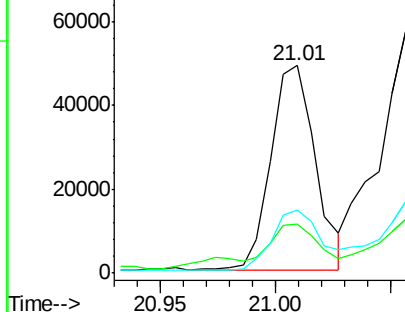
Lab File: BM001457.D

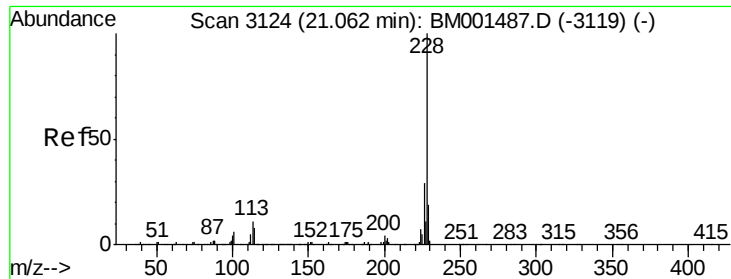
Acq: 29 May 2015 23:20

Tgt Ion:	228	Resp:	66053
Ion Ratio	Lower	Upper	
228	100		
229	23.7	15.8	23.8
226	30.6	20.6	30.8



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 2.21 ng/ul

RT: 21.06 min Scan# 3123

Delta R.T. -0.01 min

Lab File: BM001457.D

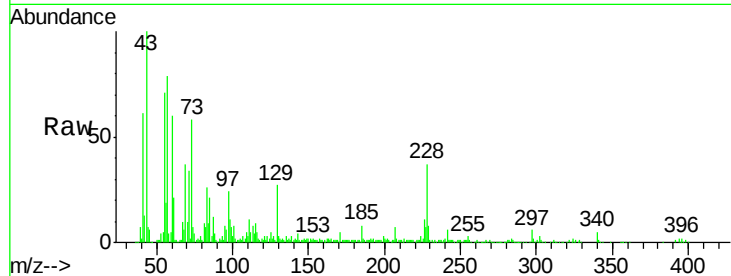
Acq: 29 May 2015 23:20

Instrument :

BNA_M

ClientSampleId :

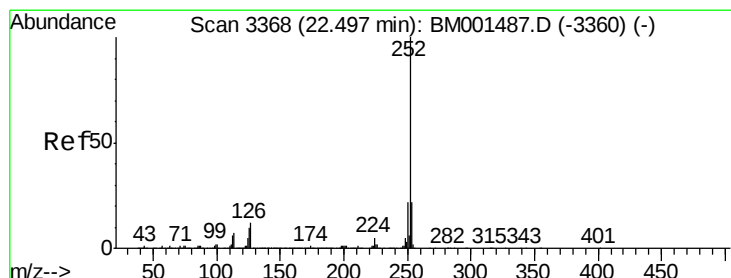
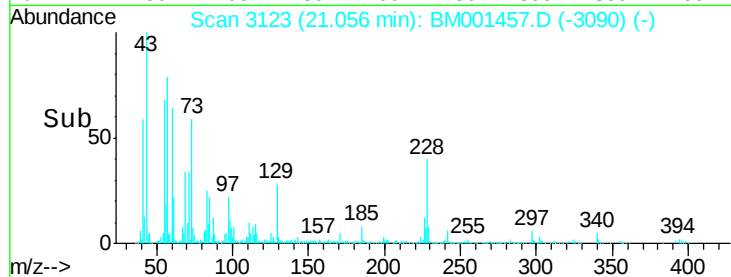
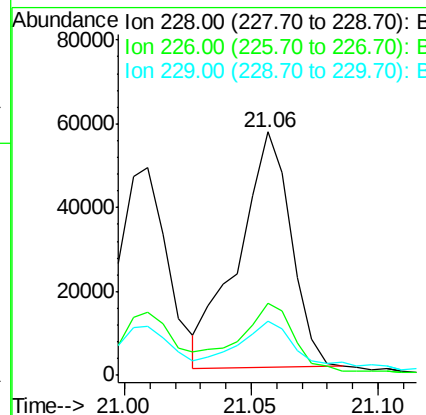
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Tgt Ion:	228	Resp:	80861
Ion Ratio	Lower	Upper	
228	100		
226	29.8	23.0	34.4
229	22.5	15.7	23.5

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#85

Benzo(b)fluoranthene

Concen: 2.79 ng/ul

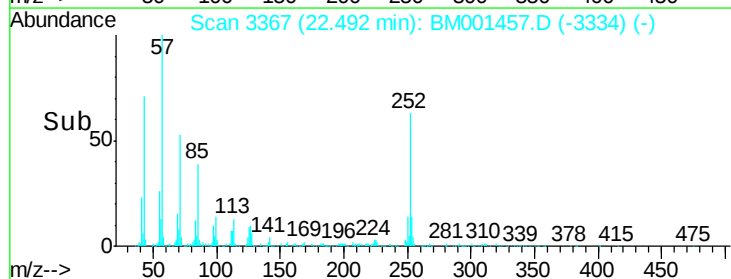
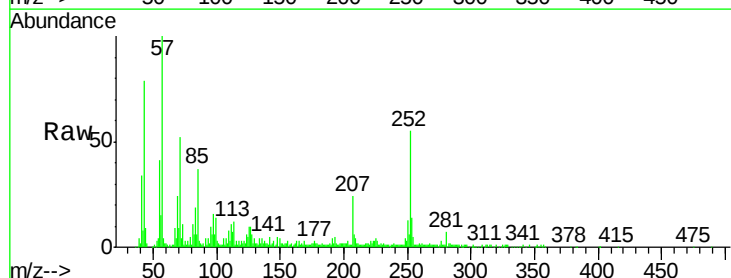
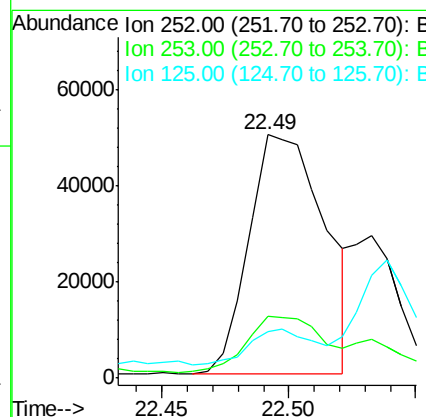
RT: 22.49 min Scan# 3367

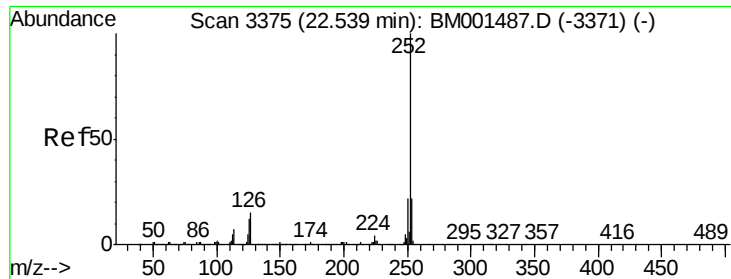
Delta R.T. -0.01 min

Lab File: BM001457.D

Acq: 29 May 2015 23:20

Tgt Ion:	252	Resp:	102896
Ion Ratio	Lower	Upper	
252	100		
253	25.3	18.0	27.0
125	19.2	8.6	12.8#





#86

Benzo(k)fluoranthene

Concen: 1.00 ng/ul m

RT: 22.53 min Scan# 3374

Delta R.T. -0.01 min

Lab File: BM001457.D

Acq: 29 May 2015 23:20

Instrument :

BNA_M

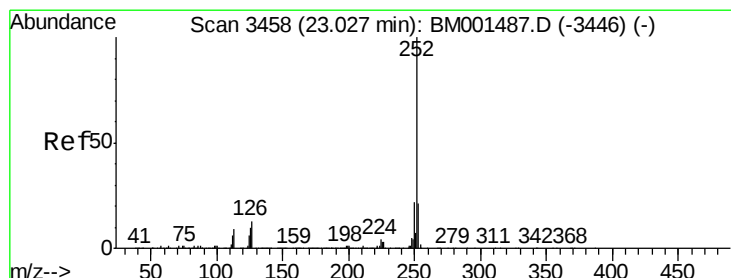
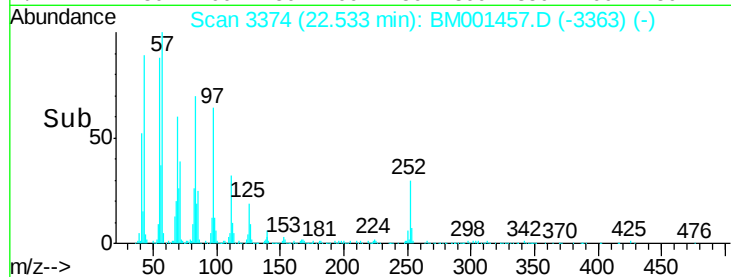
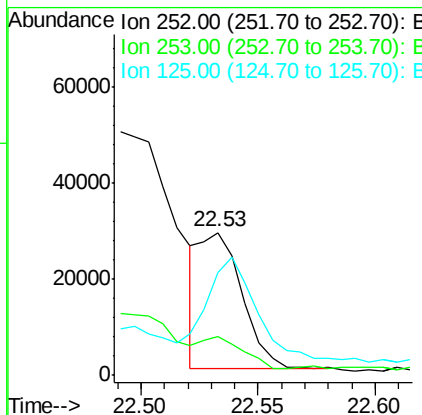
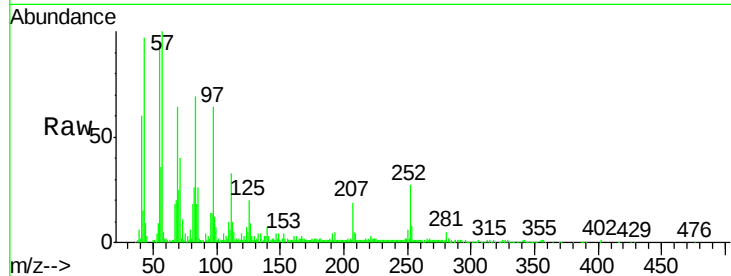
ClientSampleId :

BCRC0

Tgt Ion:	252	Resp:	35325
Ion Ratio	Lower	Upper	
252	100		
253	27.4	17.4	26.0#
125	72.0	8.6	13.0#

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#88

Benzo(a)pyrene

Concen: 2.19 ng/ul

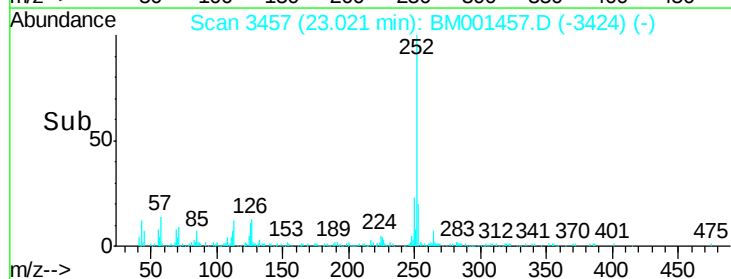
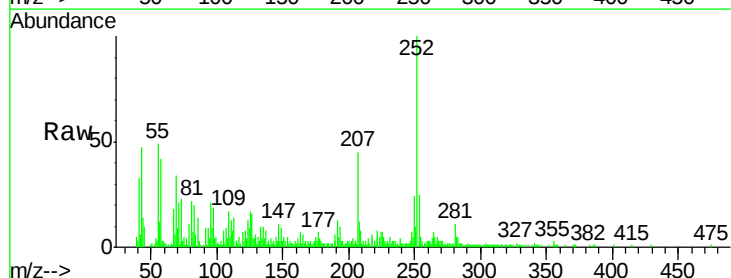
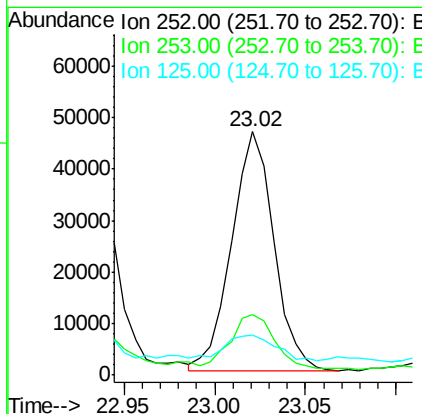
RT: 23.02 min Scan# 3457

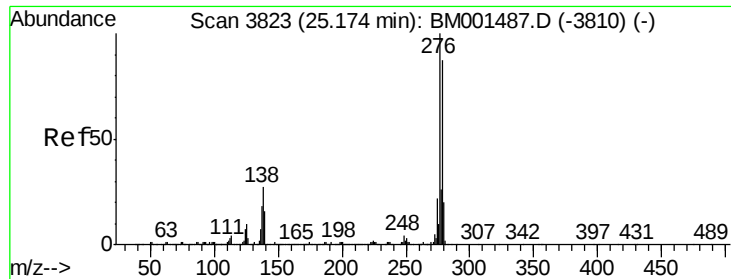
Delta R.T. -0.01 min

Lab File: BM001457.D

Acq: 29 May 2015 23:20

Tgt Ion:	252	Resp:	75837
Ion Ratio	Lower	Upper	
252	100		
253	24.7	17.0	25.4
125	16.6	8.8	13.2#





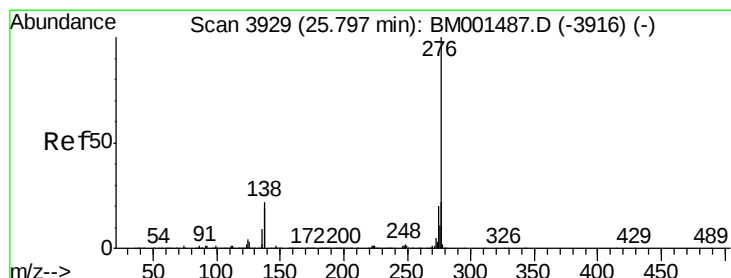
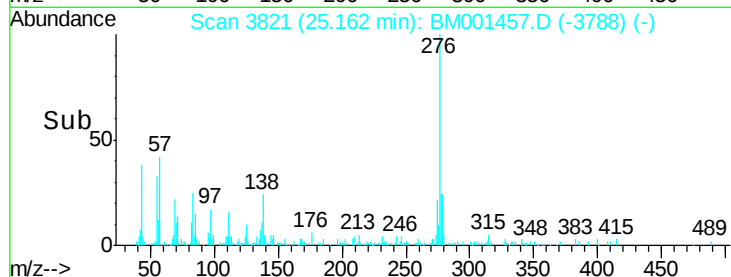
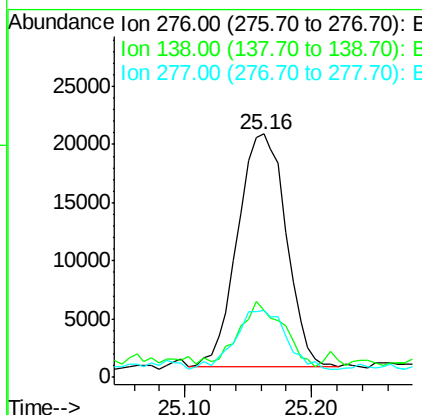
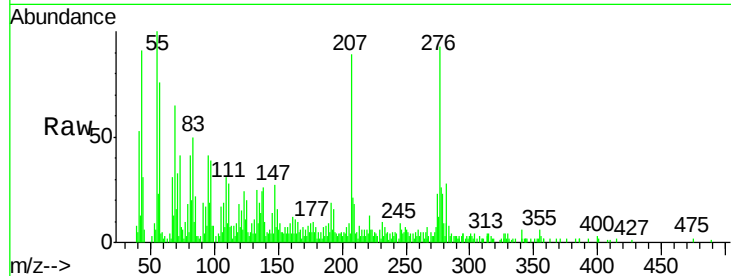
#89
 Indeno(1,2,3-cd)pyrene
 Concen: 1.46 ng/ul
 RT: 25.16 min Scan# 3821
 Delta R.T. -0.01 min
 Lab File: BM001457.D
 Acq: 29 May 2015 23:20

Instrument :
 BNA_M
 ClientSampled :
 BCRC0

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.6	20.6	31.0
277	27.5	19.2	28.8

Manual Integrations
 APPROVED

apatel
 6/1/2015 4:27:12 PM



#91
 Benzo(g,h,i)perylene
 Concen: 2.05 ng/ul
 RT: 25.79 min Scan# 3928
 Delta R.T. 0.00 min
 Lab File: BM001457.D
 Acq: 29 May 2015 23:20

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.0	17.9	26.9#
277	27.6	19.7	29.5

